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Text of the abstract

The present invention provides, among other things, compositions and methods for CNS delivery of Idursulfase-beta, a human recombinant iduronate-2-sulfatase protein, for effective treatment of Hunter Syndrome. In particular, the method for CNS delivery includes a step of administering intracerebroventricularly (ICV administration) said compositions. The compositions and methods provided by the present invention effectively reduce symptoms not only in brain and spinal cord but also in peripheral tissues including heart, liver, spleen, lung, and kidney.